

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\
 Data File : VD066441.D
 Acq On : 27 Aug 2020 17:15
 Operator : VA/SY
 Sample : L3816-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ALMASI-1

Quant Time: Aug 28 01:48:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	188702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	268906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	248444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	130686	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	99409	53.73	ug/l	0.00
Spiked Amount						
			Recovery	=	107.46%	
35) Dibromofluoromethane	7.91	113	82189	48.88	ug/l	0.00
Spiked Amount						
			Recovery	=	97.76%	
50) Toluene-d8	10.34	98	317904	51.67	ug/l	0.00
Spiked Amount						
			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.63	95	107118	49.07	ug/l	0.00
Spiked Amount						
			Recovery	=	98.14%	

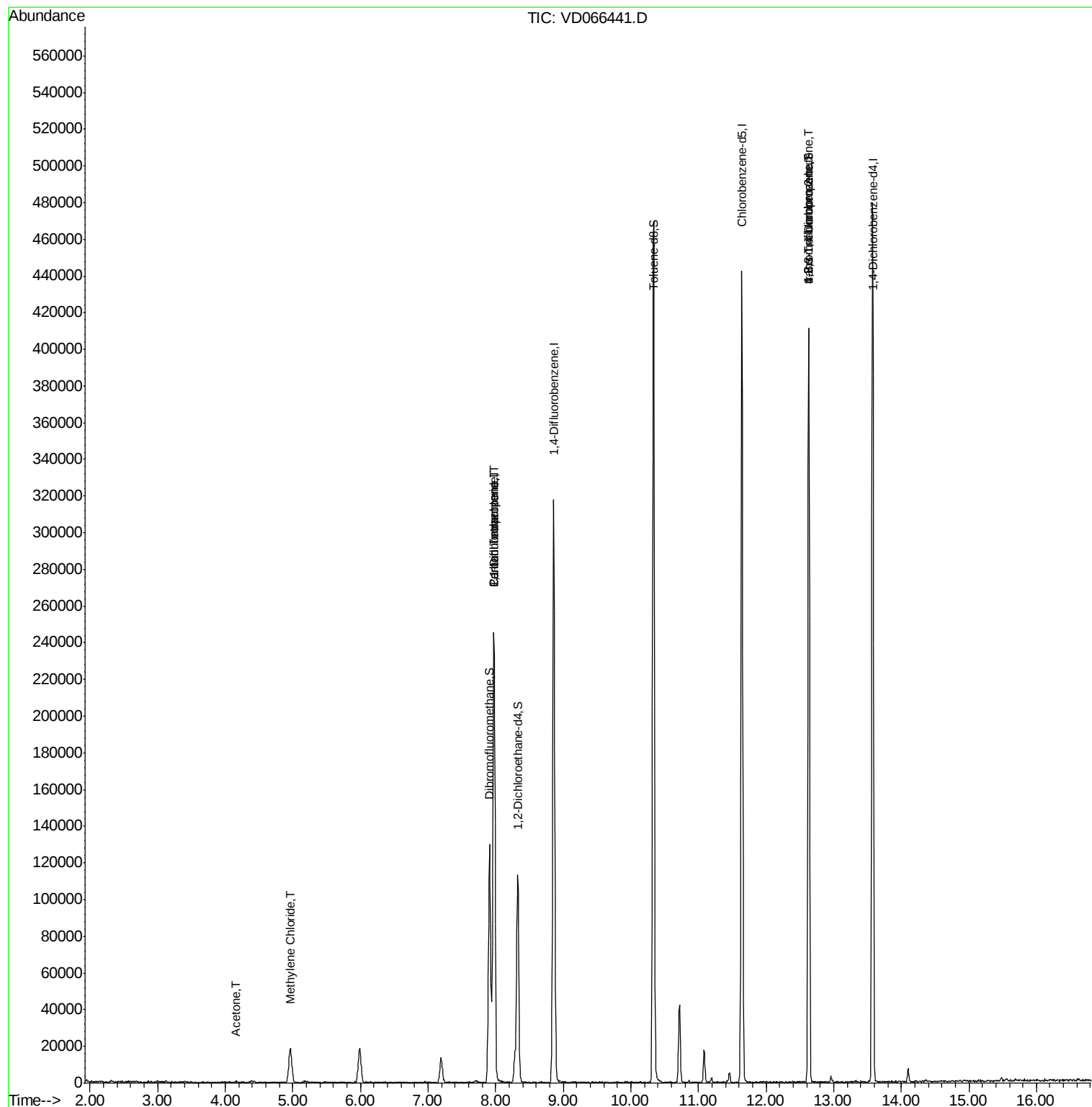
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	427	Below Cal	#	71
16) Acetone	4.16	43	704	2.111	ug/l #	81
20) Methylene Chloride	4.96	84	14619	2.141	ug/l #	85
36) 1,1-Dichloropropene	7.97	75	13509	5.506	ug/l #	48
38) Carbon Tetrachloride	7.97	117	19544	6.114	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	65273	70.997	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	65273	150.703	ug/l #	6

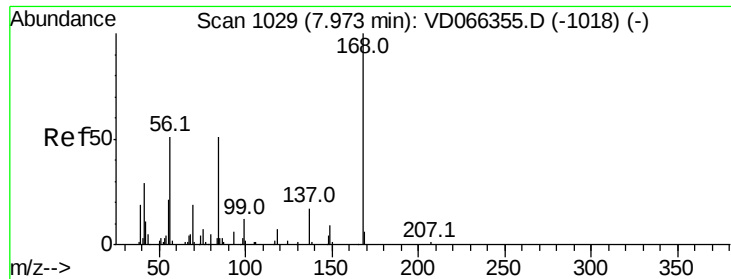
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082720\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066441.D

Acq: 27 Aug 2020 17:15

Instrument :

MSVOA_D

ClientSampleId :

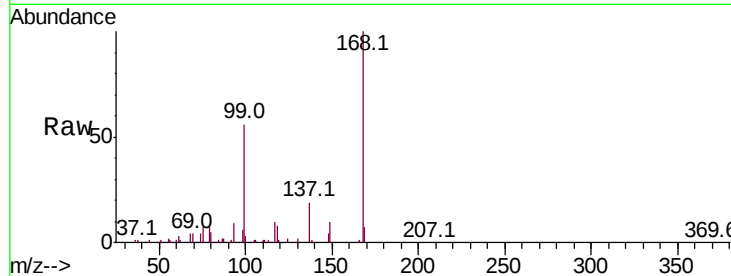
ALMASI-1

Tot Ion:168 Resp: 188702

Ion Ratio Lower Upper

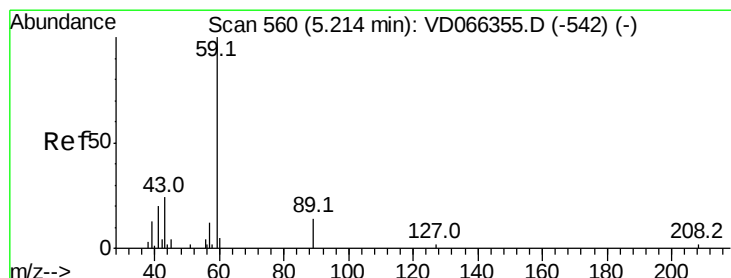
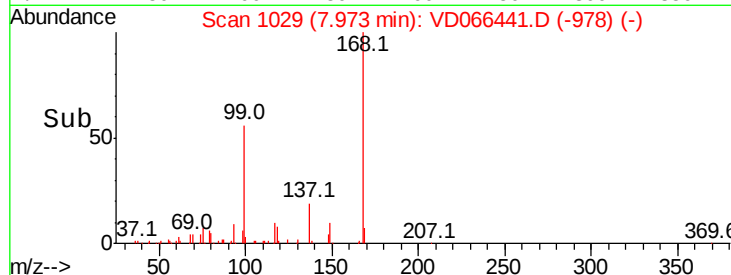
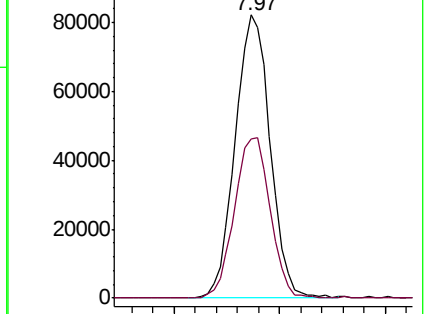
168 100

99 56.0 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 555

Delta R.T. -0.03 min

Lab File: VD066441.D

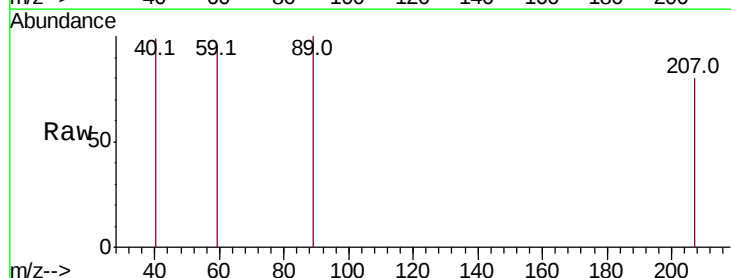
Acq: 27 Aug 2020 17:15

Tgt Ion: 59 Resp: 427

Ion Ratio Lower Upper

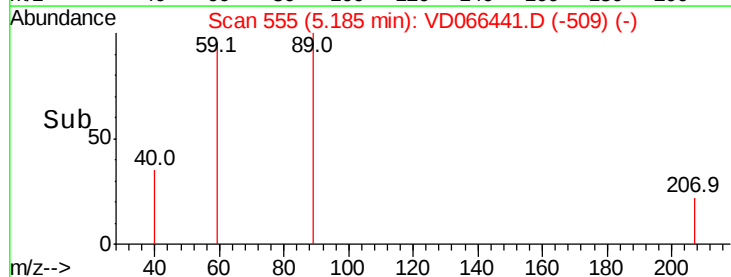
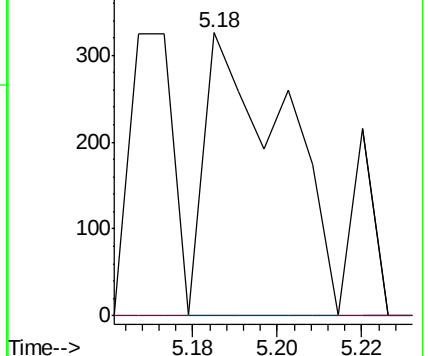
59 100

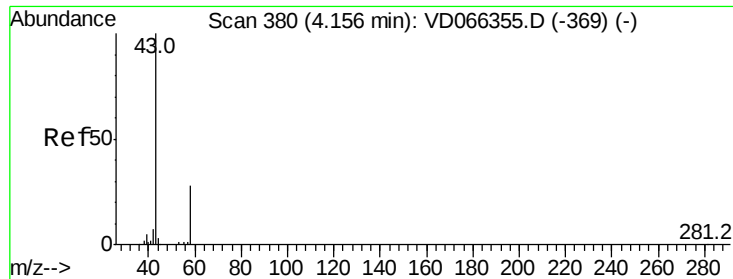
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 2.111 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066441.D

Acq: 27 Aug 2020 17:15

Instrument :

MSVOA_D

ClientSampleId :

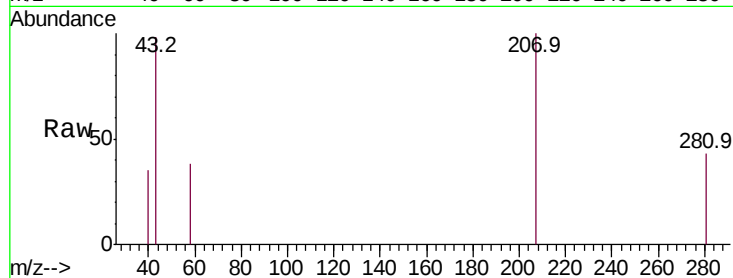
ALMASI-1

Tot Ion: 43 Resp: 704

Ion Ratio Lower Upper

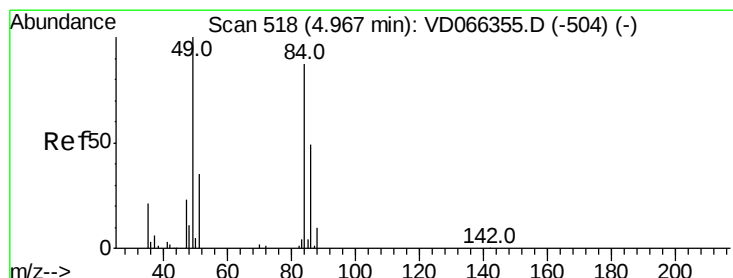
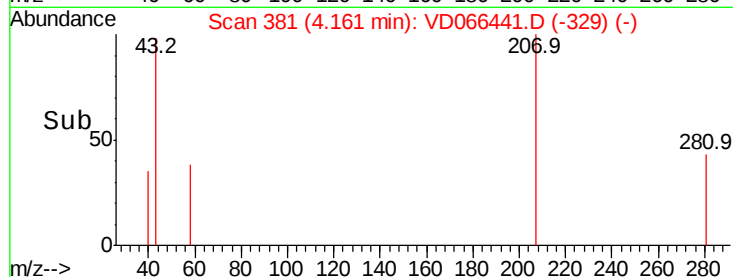
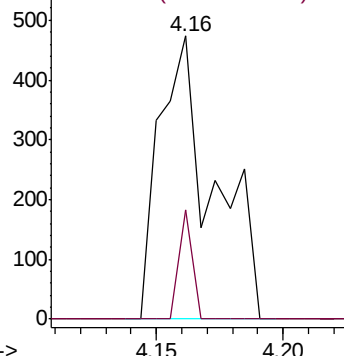
43 100

58 38.5 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 2.141 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066441.D

Acq: 27 Aug 2020 17:15

Tgt Ion: 84 Resp: 14619

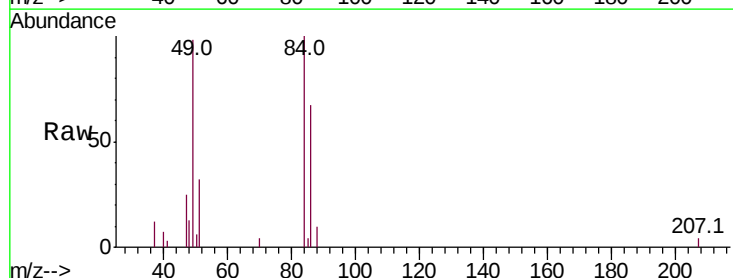
Ion Ratio Lower Upper

84 100

49 98.4 92.5 138.7

51 31.6 32.5 48.7#

86 67.1 45.0 67.6

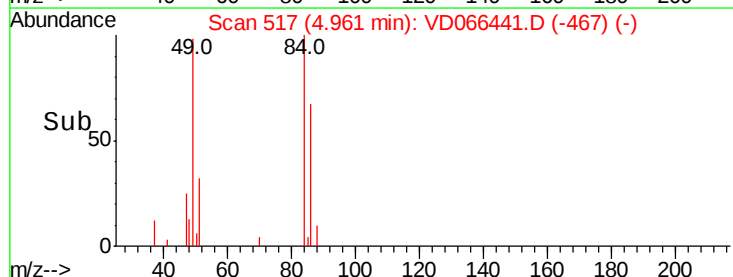
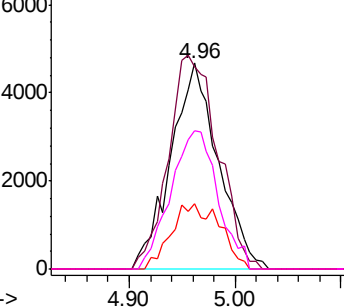


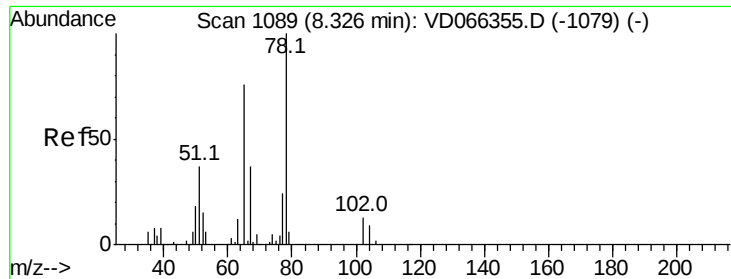
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 53.734 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066441.D

Acq: 27 Aug 2020 17:15

Instrument :

MSVOA_D

ClientSampleId :

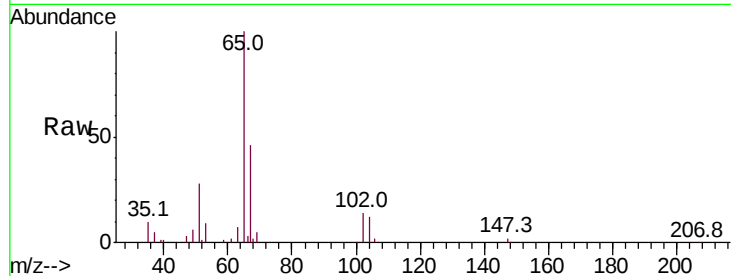
ALMASI-1

Tot Ion: 65 Resp: 99409

Ion Ratio Lower Upper

65 100

67 45.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

40000

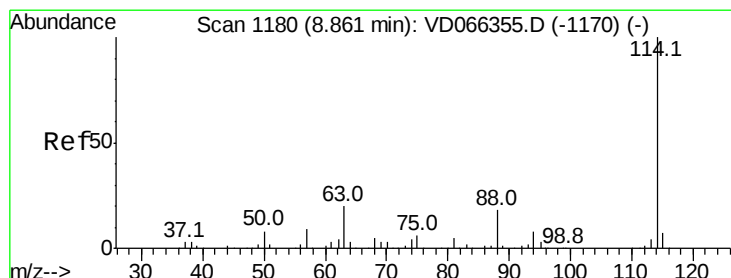
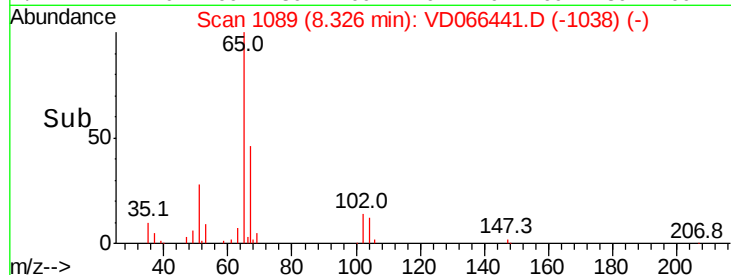
30000

20000

10000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066441.D

Acq: 27 Aug 2020 17:15

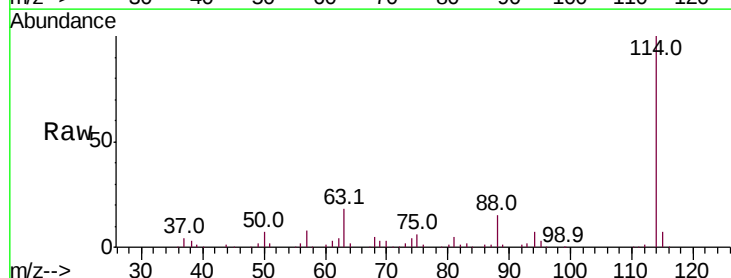
Tgt Ion: 114 Resp: 268906

Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.8

88 14.7 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

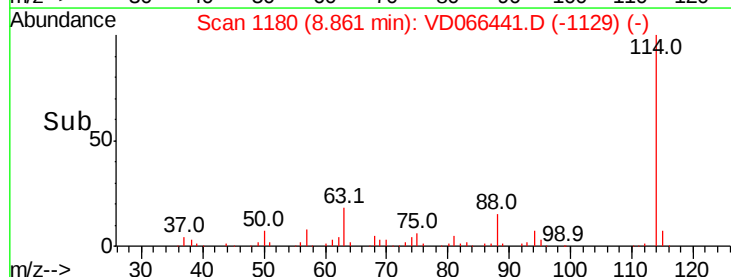
150000

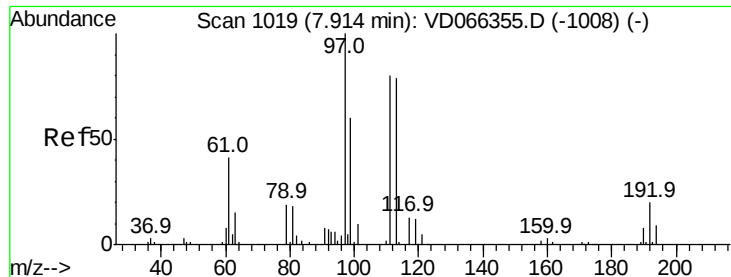
100000

50000

0

Time--> 8.75 8.80 8.85 8.90 8.95





#35

Dibromofluoromethane

Concen: 48.879 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066441.D

Acq: 27 Aug 2020 17:15

Instrument :

MSVOA_D

ClientSampleId :

ALMASI-1

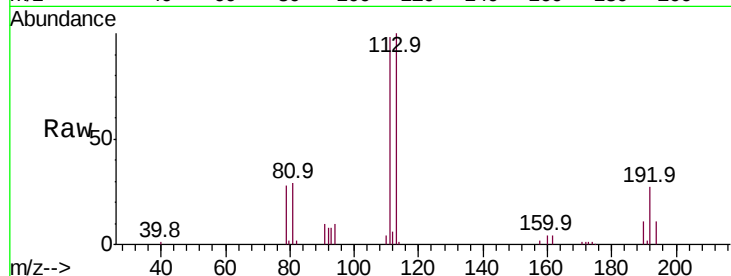
Tot Ion:113 Resp: 82189

Ion Ratio Lower Upper

113 100

111 103.6 80.3 120.5

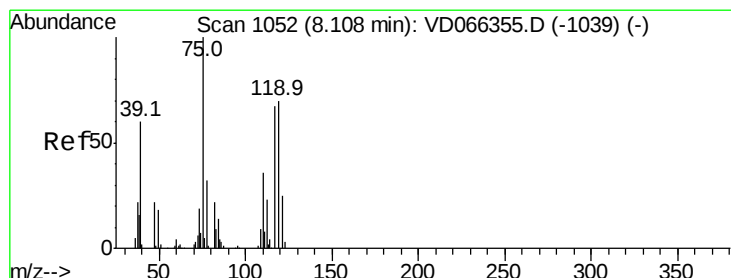
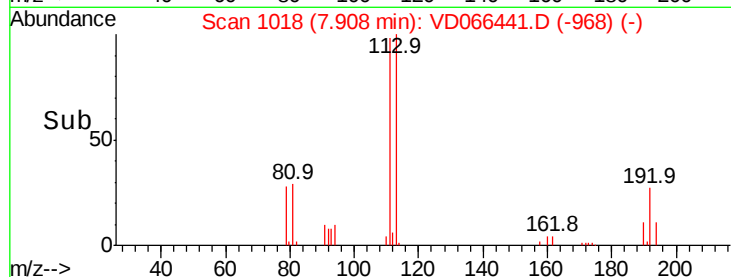
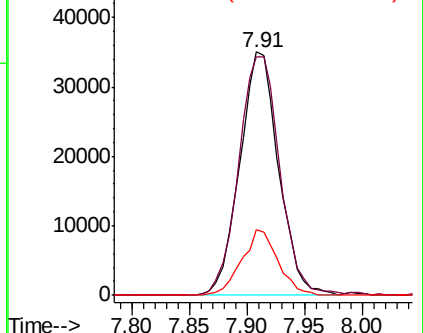
192 25.0 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.506 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066441.D

Acq: 27 Aug 2020 17:15

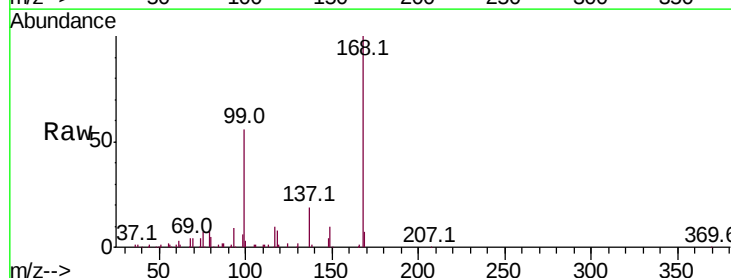
Tgt Ion: 75 Resp: 13509

Ion Ratio Lower Upper

75 100

110 9.2 18.7 56.1#

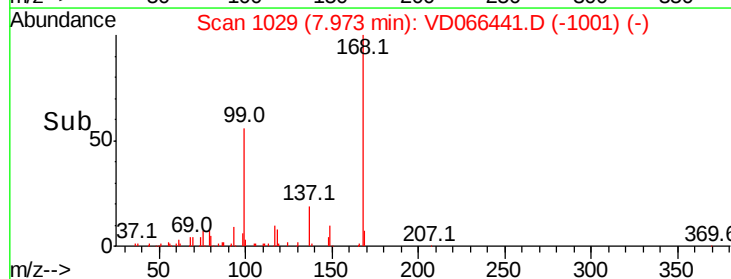
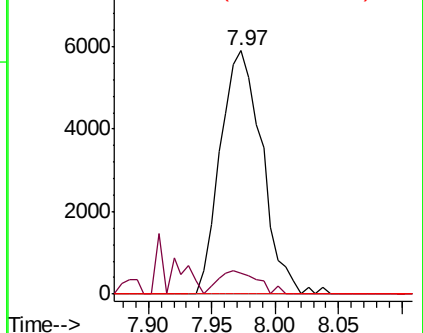
77 0.0 25.2 37.8#

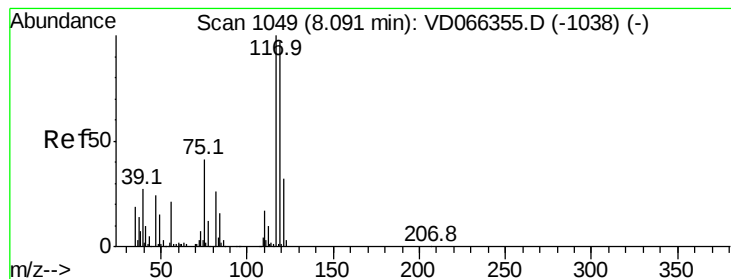


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.114 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066441.D

Acq: 27 Aug 2020 17:15

Instrument :

MSVOA_D

ClientSampled :

ALMASI-1

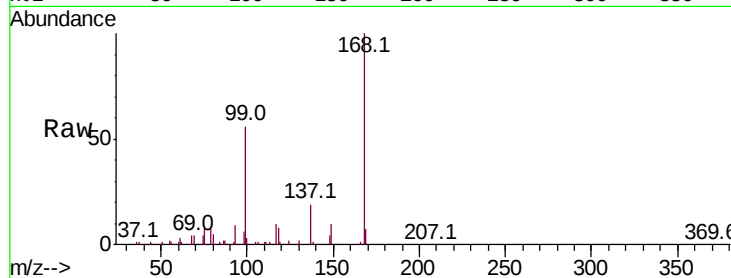
Tot Ion:117 Resp: 19544

Ion Ratio Lower Upper

117 100

119 7.2 77.2 115.8#

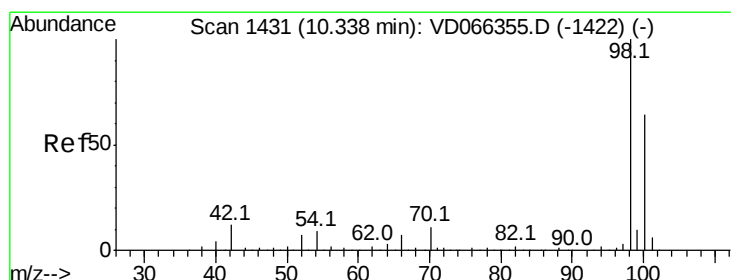
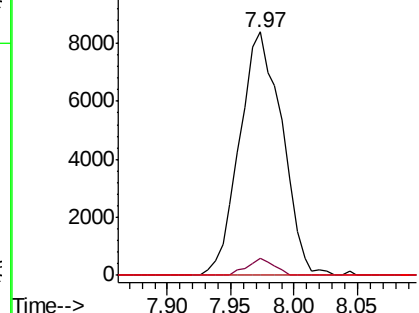
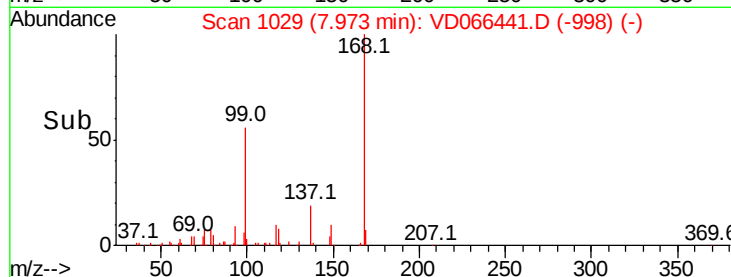
121 0.0 25.8 38.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 51.672 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066441.D

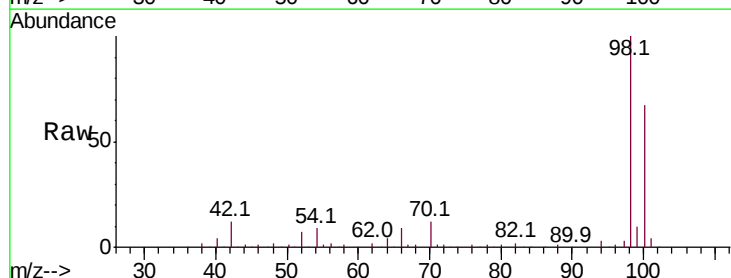
Acq: 27 Aug 2020 17:15

Tgt Ion: 98 Resp: 317904

Ion Ratio Lower Upper

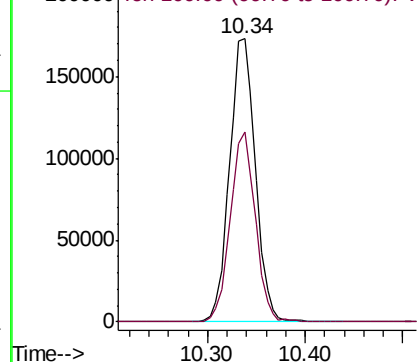
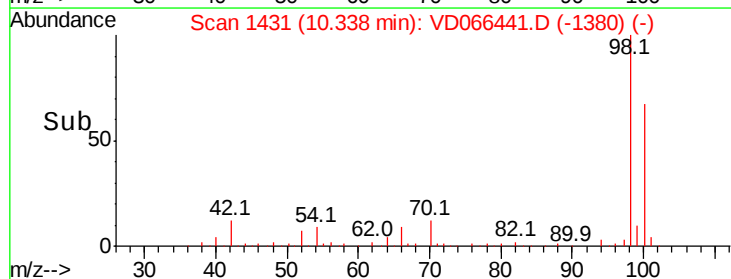
98 100

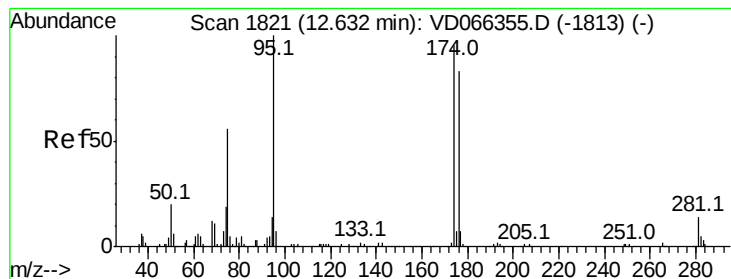
100 65.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.067 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066441.D

Acq: 27 Aug 2020 17:15

Instrument :

MSVOA_D

ClientSampleId :

ALMASI-1

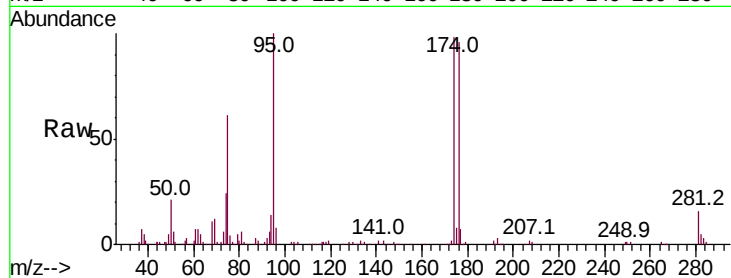
Tot Ion: 95 Resp: 107118

Ion Ratio Lower Upper

95 100

174 99.4 0.0 183.4

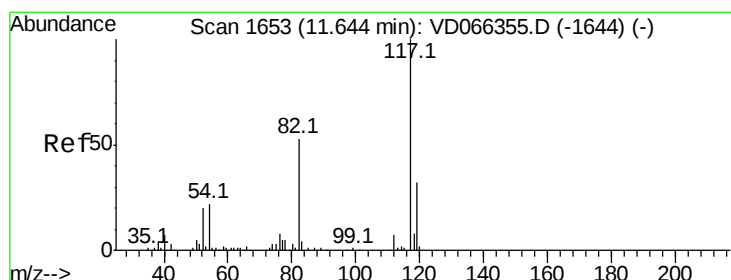
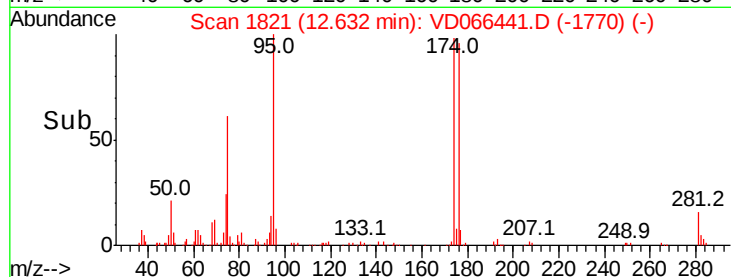
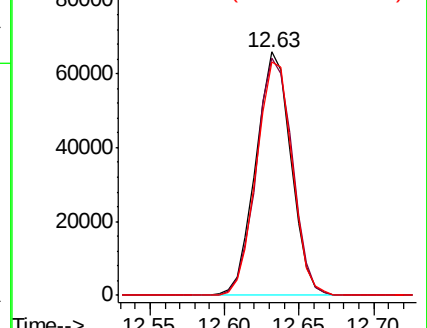
176 97.7 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066441.D

Acq: 27 Aug 2020 17:15

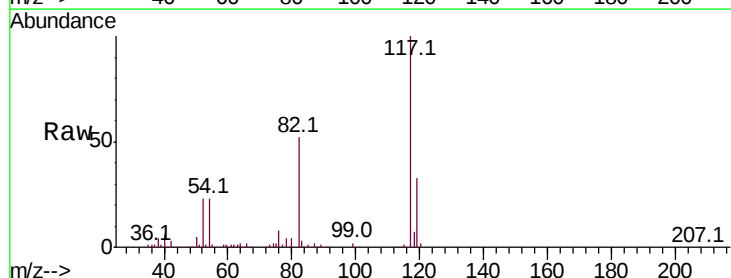
Tgt Ion: 117 Resp: 248444

Ion Ratio Lower Upper

117 100

82 52.3 42.8 64.2

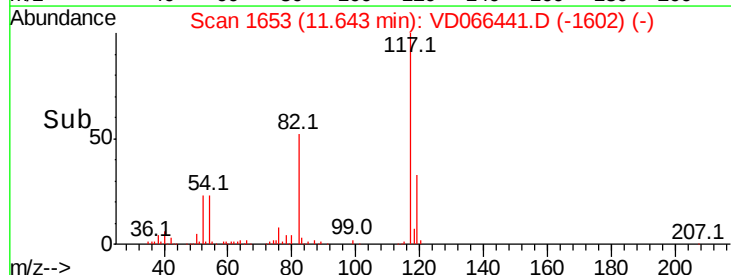
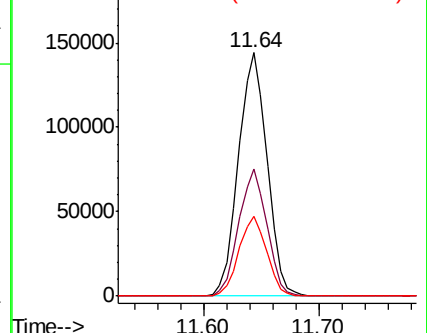
119 32.6 25.8 38.8

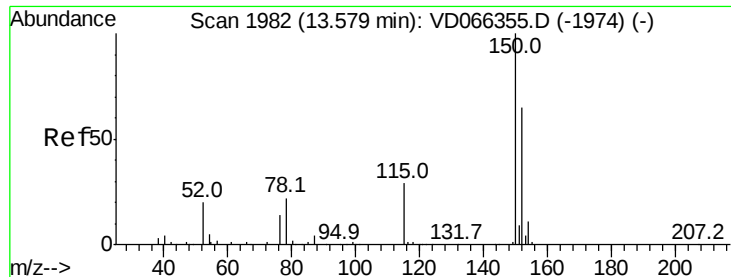


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066441.D

Acq: 27 Aug 2020 17:15

Instrument :

MSVOA_D

ClientSampleId :

ALMASI-1

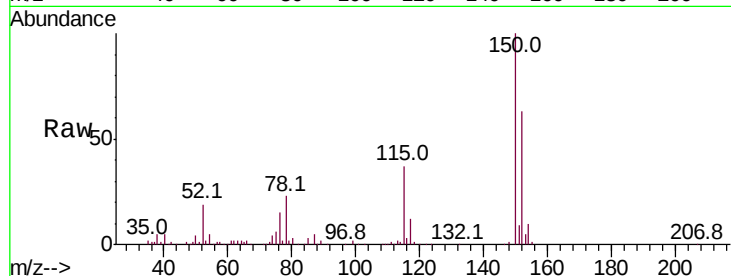
Tot Ion:152 Resp: 130686

Ion Ratio Lower Upper

152 100

115 57.8 28.3 85.0

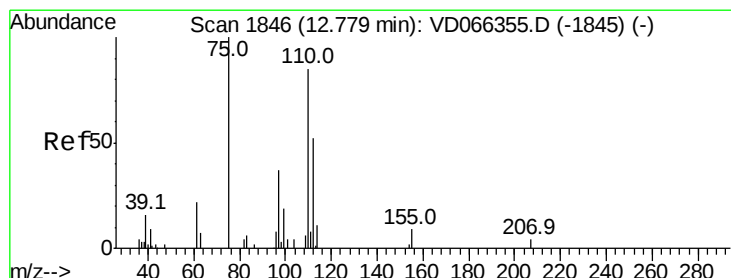
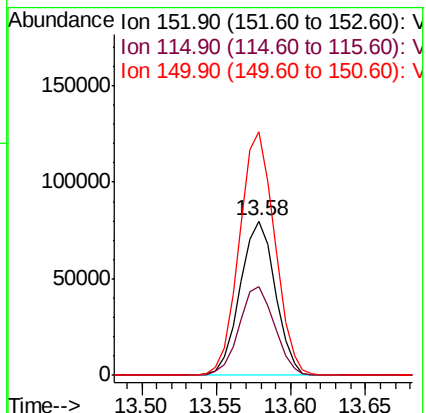
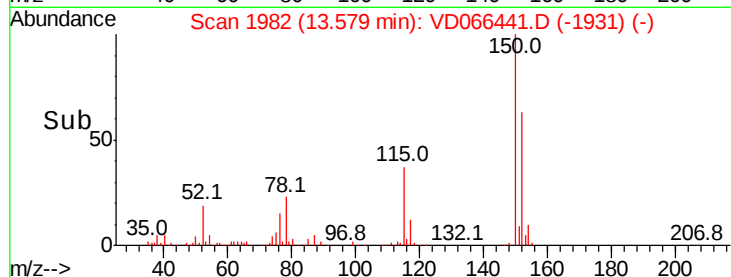
150 158.2 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 70.997 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066441.D

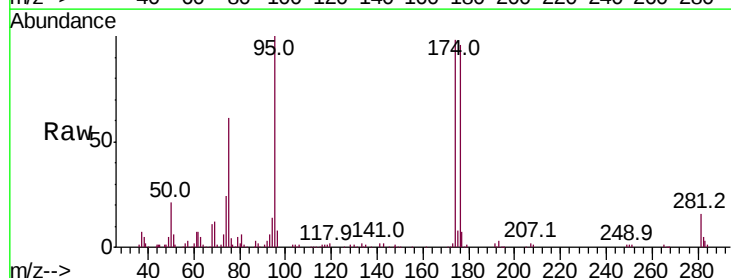
Acq: 27 Aug 2020 17:15

Tgt Ion: 75 Resp: 65273

Ion Ratio Lower Upper

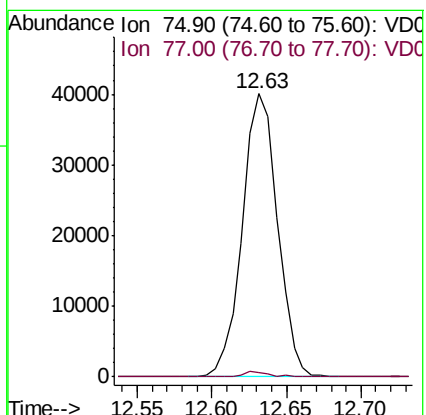
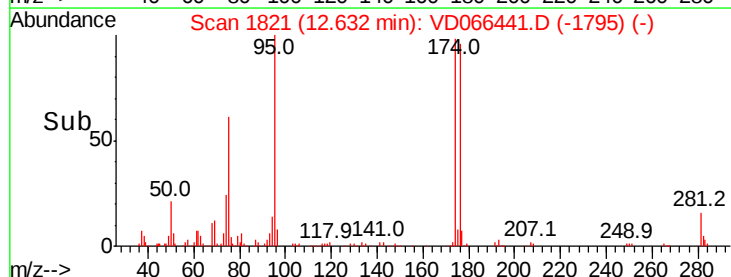
75 100

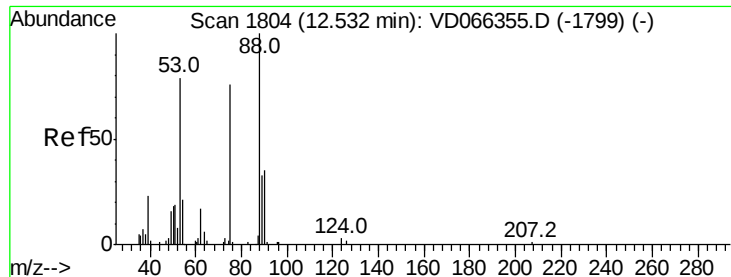
77 1.2 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 150.703 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066441.D

Acq: 27 Aug 2020 17:15

Instrument :

MSVOA_D

ClientSampleId :

ALMASI-1

Tot Ion: 75 Resp: 65273

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.1 39.4 59.0#

